

CLAIMS

1 (original) An electronic board comprising:

a grid of *grid points* on a flat surface, where each *grid point* is a visible element which is capable of detecting when it is pressed, and can be illuminated in two different colours, allocated to respective players, by an illumination source inside or below the surface; and

a character display ; and

a *game manager* made of

a CPU and memory, connected electronically to the grid points and illumination sources such that it has complete control on which grid point is illuminated and in what colour, and it is notified whenever any of the grid points is pressed, and a computer program which is executed by the CPU,

which manages a one or more games, of which at least one game is played according to these rules:

when a player touches a point, the games manager checks if it is a legal move, and if it is switches the point to the player's colour;

to evaluate if a point is a legal move, the games manager checks in turn each of a pre-defined set of imaginary straight lines emanating from the point, assigning a value of 0 to each of these lines that does not pass through an illuminated point, a value of 1 if the closest illuminated point that it passes through is illuminated with the colour of the player, and -1 if it is in the opponent's colour, and then compares the sum of the values of all the lines to a fixed number, and if the sum is larger or equal the point is a legal move for the player;

the games manager declares as winner the player that has more points of their colour in the end of the game.

2-7 (canceled)
